

# WEST Search History

DATE: Tuesday, March 11, 2003

Set Name Query  
side by side

Hit Count Set Name  
result set

*DB=USPT; PLUR=YES; OP=ADJ*

L18	pta-4531	0	L18
L17	L16 and above average cold test results	0	L17
L16	l15 and high grain yield	25	L16
L15	L14 and (corn or maize)	49	L15
L14	6 adj5 northern leaf	49	L14
L13	l12 and (corn or maize)	3	L13
L12	L11 and northern leaf	3	L12
L11	relative maturity adj5 99	3	L11
L10	ph7jb and (corn or maize)	0	L10
L9	l2 and l4 and l6 and l8	0	L9
L8	l7 and (corn or maize)	239	L8
L7	cob color adj5 red	239	L7
L6	l5 and (corn or maize)	10	L6
L5	glume color adj5 purple	10	L5
L4	l3 and (corn or maize)	98	L4
L3	anther color adj5 yellow	179	L3
L2	l1 and (corn or maize)	78	L2
L1	silk color adj5 pink	78	L1

END OF SEARCH HISTORY

Connecting via Winsock to STN

Welcome to STN International!  
LOGINID:sssptal649axm  
TERMINAL (ENTER 1, 2, 3, OR ?):2

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Welcome to STN International \*\*\*\*\*  
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Web Page URLs for STN Seminar Schedule - N. America  
BELLSTEIN: Reload and Implementation of a New Subject Area  
ZDB will be removed from STN  
US Patent Applications available in CAPLUS, IFIPAT, and IFIUDB  
Records from TP.com now available in TOXCENTER  
BIOSIS Gene Names now available in CAPLUS, and ZCAPLUS  
Federal Research in Progress (FEDRIP) now available  
New e-mail delivery for search results now available  
PCTFULL has been reloaded  
MEDLINE Reload  
FOREGE no longer contains 28, 2002;  
USAN to be reloaded July 28, 2002;  
PCTFULL has been reloaded  
saved answer sets no longer valid  
Enhanced polymer searching in REGISTRY  
NETFIRST to be removed from STN  
CANCERMarketLetter(PHARMAML) - new on STN  
PHARMAML Reload  
NTIS has been reloaded and enhanced  
Aquatic Toxicity Information Retrieval (AQUIRE)  
Sequence searching in REGISTRY enhanced  
The MEDLINE file segment of TOXCENTER has been reloaded  
IFIPAT, IFICDB, and IFIUDB have been reloaded  
CASREACT has been reloaded and enhanced  
Experimental Properties added to the REGISTRY file  
JAPIC has been reloaded in CAPLUS and CA-  
CA Section Enriched with Reactions from 1907 to 1985  
EVENTLINE has been reloaded  
Nutraceuticals International (NUTRACEUT) now available on STN  
BEILSTEIN adds new search fields  
MEDLINE SDI run of October 8, 2002  
DKILIT has been reloaded  
TOXCENTER enhanced with additional content  
CSA files on STN  
PCTFULL now covers WP/PCT Applications from 1978 to date  
TIBKAT will be removed from STN  
TOXCENTER enhanced with additional content  
Indexing added to some pre-1967 records in CA/CAPLUS  
ISMEC no longer available  
Adis Clinical Trials Insight now available on STN  
NUTRACEUT offering one free connect hour in February 2003  
Simultaneous left and right truncation added to COMPENDEX,  
ENERGY, INSPEC  
CANCERLIT is no longer being updated  
PCTGEN now available on STN  
CANCERLIT is no longer being updated

NEWS 1 Apr 08  
NEWS 2 Apr 09  
NEWS 3 Apr 09  
NEWS 4 Apr 19  
NEWS 5 Apr 22  
NEWS 6 Apr 22  
NEWS 7 Apr 22  
NEWS 8 Apr 22  
NEWS 9 Jun 03  
NEWS 10 Jun 10  
NEWS 11 Jun 10  
NEWS 12 Jul 02  
NEWS 13 Jul 22  
NEWS 14 Jul 29  
NEWS 15 Jul 30  
NEWS 16 Aug 08  
NEWS 17 Aug 08  
NEWS 18 Aug 08  
NEWS 19 Aug 19  
NEWS 20 Aug 19  
NEWS 21 Aug 19  
NEWS 22 Sep 03  
NEWS 23 Sep 16  
NEWS 24 Sep 16  
NEWS 25 Oct 01  
NEWS 26 Oct 01  
NEWS 27 Oct 01  
NEWS 28 Oct 01  
NEWS 29 Oct 01  
NEWS 30 Oct 01  
NEWS 31 Oct 01  
NEWS 32 Oct 01  
NEWS 33 Oct 01  
NEWS 34 Oct 01  
NEWS 35 Oct 01  
NEWS 36 Oct 01  
NEWS 37 Oct 01  
NEWS 38 Oct 01  
NEWS 39 Oct 01  
NEWS 40 Oct 01  
NEWS 41 Oct 01  
NEWS 42 Oct 01  
NEWS 43 Feb 13  
NEWS 44 Feb 24  
NEWS 45 Feb 24

NEWS 46 Feb 24 TEMA now available on STN  
NEWS 47 Feb 26 NTIS now allows simultaneous left and right truncation  
NEWS 48 Feb 26 PCTFULL now contains images  
NEWS 49 Mar 04 SDI PACKAGE for monthly delivery of multifile SDI results

NEWS EXPRESS January 6 CURRENT WINDOWS VERSION IS V6.01a,  
CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),  
AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS INTER General Internet Information  
NEWS LOGIN Welcome Banner and News Items  
NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
NEWS WWW CAS World Wide Web Site (general information)

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FILE 'HOME' ENTERED AT 10:40:46 ON 11 MAR 2003

=> file agricola biosis		
COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'AGRICOLA' ENTERED AT 10:40:54 ON 11 MAR 2003

FILE 'BIOSIS' ENTERED AT 10:40:54 ON 11 MAR 2003  
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=> s silk color-(10w) pink  
L1 0 SILK COLOR (10W) PINK  
=> s anther color (10w) yellow  
L2 2 ANTHR COLOR (10W) YELLOW

=> dup rem l2  
PROCESSING COMPLETED FOR L2  
L3 1 DUP REM L2 (1 DUPLICATE REMOVED)

=> d ti

L3 ANSWER 1 OF 1 AGRICOLA DUPLICATE 1  
TI White anther: a petunia mutant that abolishes pollen flavonol accumulation, induces male sterility, and is complemented by a chalcone synthase transgene.

=> d so

L3 ANSWER 1 OF 1 AGRICOLA DUPLICATE 1  
SO Plant physiology, June 1999. Vol. 120, No. 2. p. 615-622  
Publisher: Rockville, MD : American Society of Plant Physiologists, 1926-  
CODEN: PLPHAY; ISSN: 0032-0889

=> d ab

L3 ANSWER 1 OF 1 AGRICOLA

DUPLICATE 1

AB A mutation in an inbred line of petunia (*Petunia hybrida*) produces a reduction in the deep-purple corolla pigmentation and changes the **anther color** from **yellow** to white. In addition, the mutant designated white anther (wha), is functionally male sterile. The inability of pollen from wha plants to germinate in vitro provides a physiological basis for the lack of seed set observed in self-crosses of the mutant. Biochemical complementation with nanomolar amounts of kaempferol, a flavonol aglycone, confirms that the inability of the wha pollen to germinate is due to a lack of this essential compound. Transgenic complementation with a functional ChsA (Chalcone synthase A) cDNA suggests that the genetic lesion responsible for the wha phenotype is in Chs, the gene for the first enzyme in the flavonol biosynthesis pathway. The genetic background of the parental line, as well as the pollen phenotype, allowed us to deduce that the wha mutation is in ChsA. To our knowledge, wha is the first induced, nontransgenic Chs mutant described in petunia, and analysis of the mutation confirms earlier molecular and genetic observations that only two Chs genes (A and J) are expressed in reproductive tissues and that they are differentially regulated in corolla and anther.

=> s glume color (10w) purple

L4 0 GLUME COLOR (10W) PURPLE

=> s cob color (10w) red

L5 0 COB COLOR (10W) RED

=> s ph7jb and (corn or maize)

L6 0 PH7JB AND (CORN OR MAIZE)

=> s pta 4531

L7 0 PTA 4531

=> s relative maturity (10w) 99

L8 0 RELATIVE MATURITY (10W) 99

~~=> s high grain yield and (corn or maize)~~

~~L9 49 HIGH GRAIN YIELD AND (CORN OR MAIZE)~~

=> s l9 and cold test

L10 0 L9 AND COLD TEST

=> s l9 and northern leaf blight

L11 0 L9 AND NORTHERN LEAF BLIGHT

=> s l9 and northcentral

L12 0 L9 AND NORTHCENTRAL

=> s l9 and (hybrid or f1)

L13 16 L9 AND (HYBRID OR F1)

=> dup rem l13

PROCESSING COMPLETED FOR L13

L14 13 DUP REM L13 (3 DUPLICATES REMOVED)

=> d 1-13 ti

L14 ANSWER 1 OF 13 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.

TI Stability and correlation study for stem borer, *Chilo partellus* (Swinhoe)

resistance in single crosses of **maize** (*Zea mays* L.) inbred lines.

- L14 ANSWER 2 OF 13 AGRICOLA DUPLICATE 1  
TI Effect of S3 recurrent selection in four tropical **maize** populations on their selfed and randomly mated generations.
- L14 ANSWER 3 OF 13 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
TI Combining ability for some characters of high lysine **maize** with modified endosperm.
- L14 ANSWER 4 OF 13 AGRICOLA DUPLICATE 2  
TI Planting date and moisture effects on yield, quality, and alkaline-processing characteristics of food-grade **maize**.
- L14 ANSWER 5 OF 13 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
TI **CORN HYBRID** INTERACTIONS WITH SOIL NITROGEN LEVEL AND WATER REGIME.
- L14 ANSWER 6 OF 13 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
TI TESTCROSS PERFORMANCE OF **MAIZE** LINES FROM BACKCROSS POPULATIONS CONTAINING HIGHLAND MEXICAN OR HIGHLAND PERUVIAN GERMPLASM.
- L14 ANSWER 7 OF 13 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
TI **MAIZE** POPULATIONS PERFORMANCE AS TO AGRONOMIC AND TECHNOLOGICAL CHARACTERISTICS.
- L14 ANSWER 8 OF 13 AGRICOLA DUPLICATE 3  
TI Development of nitrogen-efficient prolific hybrids of **maize**.
- L14 ANSWER 9 OF 13 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
TI ABOUT SOME CHARACTERISTICS OF TILLERING IN **MAIZE** ZEA-MAYS-SSP-IDENTATA.
- L14 ANSWER 10 OF 13 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
TI PHYSIOLOGICAL FACTORS AFFECTING **MAIZE** ZEA-MAYS YIELDS UNDER TROPICAL AND TEMPERATE CONDITIONS.
- L14 ANSWER 11 OF 13 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
TI COMBINING ABILITY ESTIMATES OF SULFATE UPTAKE EFFICIENCY IN **MAIZE** ZEA-MAYS.
- L14 ANSWER 12 OF 13 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
TI RESPONSES TO MASS SELECTION IN **MAIZE** ZEA-MAYS CULTIVARS HAYS-GOLDEN AND NEBRASKA-501D.
- L14 ANSWER 13 OF 13 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
TI PERFORMANCE OF **MAIZE** HYBRIDS INVOLVING ELITE **MAIZE** VARIETIES.